



Matthew Knepley

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Research Category: system, theory and interdisciplinary

Research area: numerical analysis, high performance computing, computational science

Research application: geophysics, biophysics, plasma physics, hydrology, lattice QCD, scientific software libraries

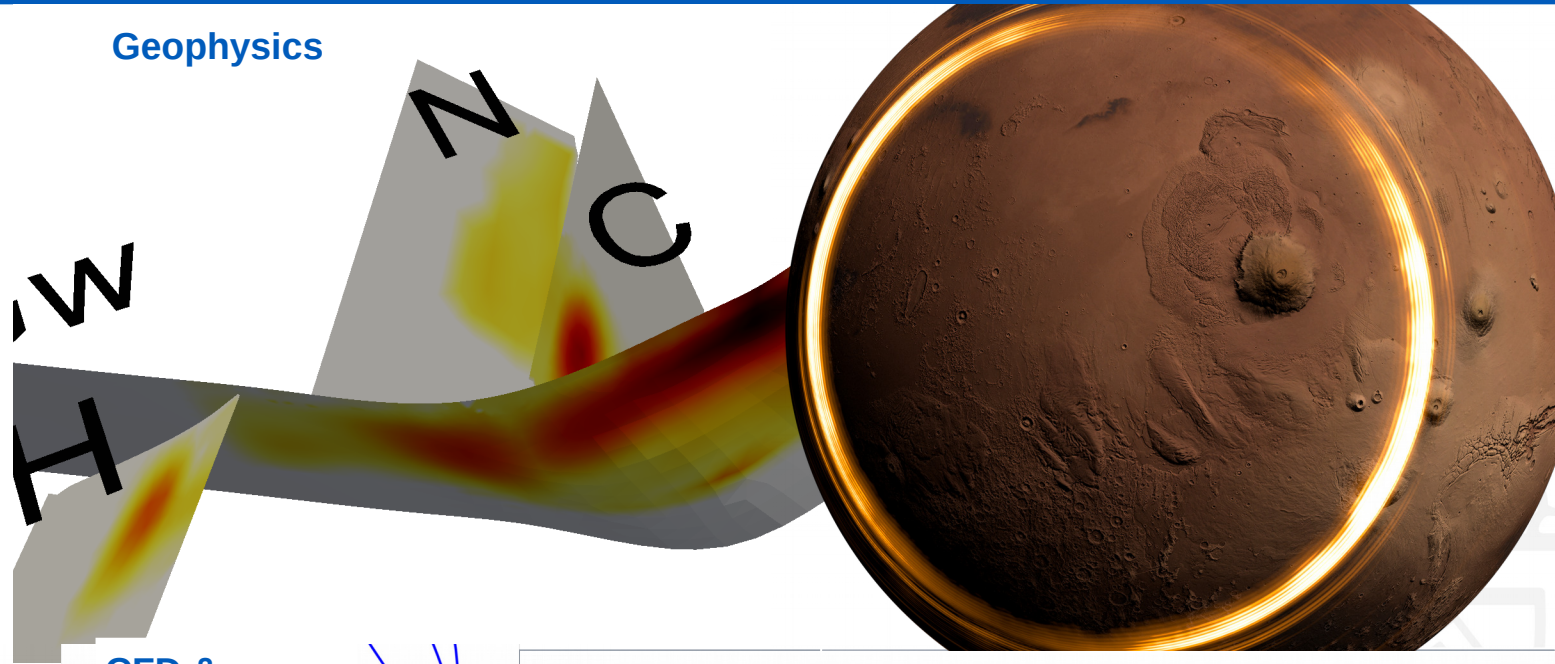
Selected Research Projects:

NSF: Multiphase Fluid-Structure Interaction Software Infrastructure to Enable Applications in Medicine, Biology, and Engineering

DOE: Multiscale acceleration: Powering future discoveries in High Energy Physics

DOE: Development of Terrestrial Dynamical Cores for the E3SM to Simulate Water Cycle

Geophysics



CFD & Reacting flow

